MEDICAL FORMULÆ.

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Medical Formulae

OF

New and Improved

Chemical and Pharmaceutical

PREPARATIONS.

Trial Specimens will be presented to Members of the Profession upon request.

INDEX ON PAGES 3 TO 10.

BURROUGHS, WELLCOME & CO.,

IMPORTERS, EXPORTERS,

AND MANUFACTURING CHEMISTS,

7, SNOW HILL,

LONDON, E.C.

2nd Edition.

1881.

Introduction.

******

IN presenting the Second Edition of the Medical Formulæ, we have pleasure in thanking the Profession for their ready appreciation of the articles we have previously introduced, as shown by their extensive use, and the hearty endorsement of the Medical Press and Profession throughout the world.

Our only claims to the confidence and patronage of the Medical Profession are based upon the superior quality both of our own articles and those of the firms we represent, secured through the excellence of the materials employed, and skill in manufacture.

We shall be pleased to present trial specimens of our preparations to members of the profession upon request, and shall always be glad to receive suggestions and opinions regarding them or other improvements in pharmacy.

These preparations are advertised only in the medical and pharmaceutical journals, and for the use of practitioners.

In any case where your chemist fails to supply our preparations in your prescriptions, please send us his name and address, that we may see him properly supplied.

The prices stated in this book are the rates usually charged by Chemists to patients.

We are,
Very respectfully yours,

BURROUGHS, WELLCOME & CO.

SNOW HILL, LONDON,
October, 1881.

Our Terms—Cash with Order.

WELLCOME
COLLECTION

/ (24)

Wellcome Library
for the History
and Understanding
of Medicine

Wyeth's Compressed Tablets.

EXACT SIZE OF TABLET.

WYETH'S CHLORATE OF POTASH, 5 grs.
,, CHLORATE OF POTASH WITH BORAX. (Voice Tablets), 2½ grs. of each.
,, CHLORATE OF POTASH WITH CHLORIDE OF AMMONIA, 3½ and 1½ grs.
,, CINCHONIDIA, SALICYLATE, 2½ grs.
,, PEPTONIC TABLETS, 3 grs.
PEPSIN, PANCREATINE & LACTO-PHOS. LIME, 1 gr. each. (One tablet being a full dose, to be taken just before, during, or after meals.)
,, SODA-MINT (or Neutralising Tablets).
SODÆ BI-CARB. 4 grs., AMMON. CARB., 1-4th gr., OL. MENTH. PIP. 1-6th gtt. Dose—1 to 3, to be swallowed with water.
,, POTASH, BI-CARB., 5 grs.
,, SODA, BI-CARB., 5 grs.
,, CHLORIDE OF AMMONIA, 3 & 5 grs.
,, CHLORIDE OF AMMONIA, WITH BORAX, 2½ grs. of each.

For full Notes and Reports on the above, see pp. 38 *to* 45.

Wyeth's Dialysed Iron.

A pure neutral solution of peroxide of Iron in the colloid form; each fluid oz. contains 27.68 grs.

(R. FER. WYETH 3 fld. oz. with DROPPER.)

ADULT DOSE.—Ten drops five times daily, dropped in water or any agreeable liquid, or on a lump of sugar.

See full Notes and Reports on pp 33 and 34.

LAWTON'S ABSORBENT COTTON.

For Surgical and Dental Purposes.

THE LANCET reports:—"Is beautifully soft, really absorbent, and quite free from chemicals."

Supplied in Packets, ⅛lb., ¼lb., and 1lb.

See full Notes and Reports on pp. 53 *and* 54.

Burroughs' Ammonia Inhaler.

For inhaling perfectly pure fumes of Chloride of Ammonium

See Description and Reports on pp. 55 *and* 56.

KEPLER EXTRACT OF MALT.

Concentrated and non-Alcoholic.

"An agreeable and reliable substitute for Cod Liver Oil."—ZIEMSSEN.

ADULT DOSE.—One tablespoonful thrice daily, to be taken just before, directly after, or (better) during meals, plain or in milk, water, or any liquid, or mixed as a sweetener with farinaceous foods.

Supplied in Bottles, ¾lb. and 1½lb.

See full Notes and Reports on pp. 46 *to* 48.

Kepler Cod Liver Oil with Extract of Malt.

A Concentrated, Nutritious, Digestive Food.

(Contains 50 per cent. Extract of Malt).

ADULT DOSE.—One tablespoonful thrice daily, plain, or in a *little* milk or any agreeable liquid.

Supplied in Bottles, ¾lb. and 1½lb.

See full Notes and Reports on pp. 49 *to* 51.

Syr. Hypophos. Comp., Fellows.

Composed of Hypophosphites of Iron, Quinine Strychnia, Lime, Potassa, and Manganese. (1-64th gr. of Strychnia in fld. dram).

ADULT DOSE.—One teaspoonful in a wine glass of water.

Supplied in ½lb. and 1lb. bottles.

Lac Bismuthi (Symes').

(Or Milk of Bismuth). The most effective form. 7 grs. to fluid oz. DOSE.—One to two teaspoonfuls.

Lac Bismuthi et Cerii (Symes').

This preparation combines the medicinal Properties of BISMUTH and CERIUM, as Hydrates in an active form. Supplied in ½-lb. and 1-lb. bottles.

See Notes and Reports on p. 31.

The "Burroughs" Beef and Iron Wine (Improved).

Each half fluid-ounce or tablespoonful represents the nutritive value of 1 oz. of GOOD FRESH BEEF with 1 GRAIN of CITRATE OF IRON, in a PURE MEDICINAL WINE. ADULT DOSE.—One tablespoonful in a little water.

Supplied in ½-lb. and 1-lb. bottles.

For full Notes and Reports see pp. 27 to 29.

The "Burroughs" Beef and Iron Wine with Quinine.

Formulæ same as our Beef and Iron Wine, with ¼ grain of Quinine in each fluid ounce.

ADULT DOSE.—One tablespoonful in a little water. Supplied in ½lb. and 1lb. Bottles.

See full Notes on p. 30.

HAZELINE (Burroughs).

Active principles Distilled from the Bark of Witch Hazel (Hamamelis Virginica Lin.) *(A Superior Surgical Dressing.)*

HAZELINE may be used internally or externally without dilution, except for the eyes or as an injection, in which cases it should be mixed with three parts of warm water.

DOSE—30 drops. In all cases it is perfectly harmless. Supplied in ½-lb. and 1-lb. bottles.

For Notes and Reports see pp. 23 to 26.

Burroughs' Medicine Droppers

Are very convenient, and insure accuracy in dropping. PRICES.—Small size 6d., large size 8d. each.

THE "BURROUGHS"

Bromide of Potassium Elixir.

EACH fluid dram contains 10 grains of Bromide of Potassium. The most agreeable and effective form for administering this salt which is often repulsive to nervous and fastidious patients, when given in the ordinary way. DOSE.—Half a teaspoonful or more as may be indicated.

Supplied in 1lb. Bottles at 4s. 6d.

THE "BURROUGHS"

Calisaya Bark Elixir.

EACH fluid ounce contains the active constituents of 40 grains Royal Cinchona Calisaya.

This Elixir presents the full medicinal virtues of the finest quality of Peruvian Bark in a highly agreeable and acceptable form. It is an excellent grateful vehicle for administering disagreeable drugs. DOSE.—From a teaspoonful to a tablespoonful.

Supplied in 1lb. Bottles at 4s.

THE "BURROUGHS"

Ferro-Phosphorated Calisaya Bark Elixir.

EACH fluid ounce contains 8 grains of Pyrophosphate of Iron, and the active constituents of 40 grains of Royal Chinchona Calisaya.

This preparation will be found far more agreeable and effective than the usual extemporaneous mixtures of Tincture of Cinchona with Iron.

It is the most palatable form for the administration of Bark and Iron, and at the same time is entirely harmless to the teeth. It is highly approved by the profession, and has been found acceptable in many cases where other preparations cannot be borne by the patient. DOSE.—A teaspoonful to a tablespoonful.

Supplied in 1lb. Bottles at 4s. 6d.

ERRATA.

In each instance the word Elixir should read ELIXOID.

The "Burroughs" Pepsin Elixir.

EACH fluid dram represents three grains of Pepsin. This preparation will be found preferable to the ordinary liquors by its much more agreeable flavour, and also more effective from being slightly acidulated, which greatly increases the activity of the Pepsin. DOSE.—One to two teaspoonfuls after meals.

Supplied in 1lb. Bottles at 6s.

The "Burroughs" Valerianate of Ammonia Elixir.

Each fluid dram contains two grains of the pure Crystals of Valerianate of Ammonia.

THIS elegant and palatable preparation presents the most agreeable and effective medium for the administration of Valerianate of Ammonia, and will be found acceptable to patients who reject this drug in any other form. DOSE.—One teaspoonful or more as indicated.

Supplied in 1lb. Bottles at 4s. 6d.

Bishop's Citrate of Caffeine.

(Granular Effervescent).

The best known remedy for Headache.

A dose measure is given with each 2s. 6d. bottle, and contains 1 dram (equal to 1 grain Citrate Caffeine).

For Notes and Reports see p. 32.

Bishop's Granular Effervescent Ext. of Nux Vomica.

An effective and agreeable mode of administration.

DOSE.—One dram, which contains 1-12th gr. of Ext. Nux Vom.

Wyeth's Soluble Compressed

HYPODERMIC TABLETS.

THE following formulæ and combinations embrace all those in general request. Others will be added as the demands of the profession warrant.

We claim for Wyeth's Hypodermic Tablets:

ABSOLUTE ACCURACY OF DOSE.
READY AND ENTIRE SOLUBILITY.
PERFECT PRESERVATION OF THE DRUG.

Their convenience and utility will at once be apparent on examination.

Morphiæ Sulphas,	1-2 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-3 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-4 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-6 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-8 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-12 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-2 grain.
Atropiæ Sulphas,	1-100 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-3 grain.
Atropiæ Sulphas,	1-120 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-4 grain.
Atropiæ Sulphas,	1-150 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-6 grain.
Atropiæ Sulphas,	1-180 grain.
Sodæ Sulphate,	1-4 grain.
Morphiæ Sulphas,	1-8 grain.
Atropiæ Sulphas,	1-200 grain.
Sodæ Sulphas,	1-4 grain.
Morphiæ Sulphas,	1-12 grain.
Atropiæ Sulphas,	1-250 grain.
Sodæ Sulphas,	1-4 grain.
Atropiæ Sulphas,	1-60 grain.
Sodæ Sulphas,	1-4 grain.
Atropiæ Sulphas,	1-100 grain.
Sodæ Sulphas,	1-4 grain.
Atropiæ Sulphas,	1-150 grain.
Sodæ Sulphas,	1-4 grain.
Strychniæ Sulphas,	1-60 grain.
Sodæ Sulphas,	1-4 grain.
Strychniæ Sulphas,	1-100 grain
Sodæ Sulphas,	1-4 grain.
Strychniæ Sulphas,	1-150 grain.
Sodæ Sulphas,	1-4 grain.

For directions and reports see pp. 35 to 37.

"McK.

Burro
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BURR

CAPSULED

"McK. & R." PILLS.

ORIGINATED BY

McKesson & Robbins,

MANUFACTURING CHEMISTS, NEW YORK.

Burroughs, Wellcome & Co.

SNOW HILL, LONDON.

Sole Agents for EUROPE, ASIA, AFRICA, and AUSTRALIA.

******

Peculiar Merits of the "McK. & R." Pills.

THE covering entirely disguises the taste, and, because of the ovoid form they are easily taken by persons who cannot swallow round pills—even when coated with sugar.

The Pills are perfectly sealed by a complete envelope of pure transparent gelatine—applied while the mass is soft—protecting all delicate substances from the oxidising influences of the atmosphere, and keeping the Pills in a perfectly soluble condition. The capsule dissolves very quickly when placed in the mouth.

They are not subjected to that injurious application of heat, which so greatly impairs the ordinary coated Pills

THE LANCET says:—"They are so full of taste and neatness as to give the medicines an inviting appearance, and can be easily received by the mouth and the œsophagus.

THE BRITISH MEDICAL JOURNAL says:—"They well deserve the favourable consideration which they have gained from the medical profession for purity and integrity." "They are all that can be desired in point of solubility."

THE MEDICAL PRESS AND CIRCULAR says:—"We have seen nothing recently to compare with these, either in efficacy or appearance.

See list of Formulæ next page.

BURROUGHS, WELLCOME & CO., LONDON.

"McK. & R." PILLS.

LIST OF FORMULÆ

Of the British Pharmacopœia and other standard authorities.

Purest Quality and Exactness in Composition can be relied upon with confidence by the Profession.

PUT UP IN BOTTLES CONTAINING 100 EACH.

Chemists dispense any number of these Pills ordered in prescriptions.

The dash denotes fractions, as 1-2 for half.

A

Acid. Salicylic. *(see Salicylic Acid.)*

Aloes Barb. B.P. - - - 5 gr.
{ Aloes Barb. Pulv., 2 1-2 gr. Conf. Rosæ, 1 1-4 gr.
{ Saponis Pulv., 1 1-4 gr. Ol. Carui.

Aloes, Dilute (Dr. Hall's Dinner Pill) 4 gr.
{ Aloes Barb. Pulv., Ext. Glycyrrh. Pulv.,
{ Saponis Pulv., Theriacæ, *aa*, 1 gr.

Aloes, Socotrine, B.P. - - 5 gr.
{ Aloes Soc. Pulv., 2 1-2 gr Conf. Rosæ, 1 1-4 gr.
{ Saponis Pulv., 1 1-4 gr. Ol. Myristicæ

Aloes & Assafœtida, B.P. - - 5 gr.
{ Aloes Soc Pulv. Saponis Pulv.,
{ Assafœtidæ, Conf. Rosæ, *aa*, 1 1-4 gr.

Aloes & Iron, B.P. - - - 5 gr.
{ Aloes Barb. Pulv., 1 gr. Ferri Sulph., 3-4 gr.
{ Pulv. Cinnam. Co., 1 1-2 gr. Conf. Rosæ, 1 3-4 gr.

Aloes & Myrrh, B.P. - - - 3 gr.
{ Aloes Soc., 1 gr. Croci, 1-4 gr.
{ Myrrhæ, 1-2 gr. Conf. Rosæ, 1 1-4 gr.

Aloes & Myrrh, B.P. - - - 5 gr.
{ Aloes Soc., 1 2-3 gr. Croci, 5-12 gr.
{ Myrrhæ, 5-6 gr. Conf. Rosæ, 2 1-12 gr.

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ON.

Alterative
Anti-Bilious
Anti-Malarial
Aperient
Arsenical
Assafœtida

Blue Pill

Calcii Sulph

Calomel

Calomel

Calomel &

Camphor

Cathartic

A

BURR

Alterative *(see Calomel, Co. B.P.)*

Anti-Bilious *(see Cathartic, Comp. U.S.P.)*

Anti-Malarial *(see Quinia, Comp.)*

Aperient *(see Podoph., Comp.)*

Arsenious Acid, - - - 1-50 gr.
Great care is exercised to insure exact quantity in each.

Assafœtida Comp. B.P. - - 5 gr.
{ Assafœtidæ, Myrrhæ, 1 3-7 gr.
{ Galbani, *aa*, 1 3-7 gr. Theriacæ, 5-7 gr.

B

Blue Pill *(see Hydrarg.)*

C

Calcii Sulphid. - 1-10, 1-4 & 1-2 gr.
Now much prescribed for scrofulous sores, glandular enlargements, &c. *Vide* Reports by Dr. Ringer.

Calomel, Colocynth & Hyoscyamus.
{ Hyd. Subchlor., 1 gr Ext. Hyoscy., 1 gr.
{ Ext. Coloc. Co., 3 gr.

Calomel, Comp., B.P. (Plummer's) **5 gr.**
{ Hyd. Subchlor., Res. Guaiac, Pulv. 2 1-4 gr.
{ Antim. Sulph., *aa*, 1 1-8 gr. Ol. Ricini.

Calomel & Opium.
{ Hyd. Subchlor., 2 1-2 gr.
{ Opii Pulv., 1 gr.

Camphor, Monobromide - - 2 gr.
An elegant form for administering this salt. Monobromide of Camphor is very difficult to dispense in solution.

Cathartic, Comp., U.S.P. (Purgative)
{ Ext. Jalapæ Pulv., Ext. Coloc. Co. Pulv., 1 1-3 gr.
{ Hyd. Subchlor., *aa*, 1 gr. Gambogiæ Pulv., 1-4 gr.
A very popular prescription. Dose—one to three.

Cathartic, Vegetable.—Improved Cath. (*See Laxative, Veg.*)

Colocynth, Comp., B. P. - - 4 gr.
Coloc. Pulpæ Pulv., 4-5 gr.
Aloes Barb. Pulv.,
Scammon. Pulv., *aa*, 1 3-5 gr.
Potass. Sulph.,
Ol. Caryoph.

Colocynth, Comp., B.P. - - 5 gr.
Coloc. Pulpæ Pulv., 1 gr.
Aloes Barb. Pulv.,
Scammon. Pulv., *aa*, 2 gr.
Potass. Sulph.,
Ol. Caryoph.,

Colocynth, Comp. & Calomel. - 5 gr.
Ext. Coloc. Co., 4 gr.
Hyd. Subchlor., 1 gr.

Colocynth. Comp. et Hydrarg. 5 gr.
Pil. Coloc. Comp., 3 gr.
Pil. Hydrarg., 2 gr.

Colocynth & Hyoscyamus, B.P. 5 gr.
Pil. Coloc. Comp., 3 1-3 gr.
Ext. Hyoscy., 1 2-3 gr.

Conii Comp., B.P. - - 5 gr.
Ext. Conii, 4 1-6 gr.,
Ipecac. Pulv., 5-6 gr. Theriacæ.

Copaiba & Cubebs. - - - 5 gr.
Pil. Copaibæ, 3 gr.
Ol. Resinæ Cubeb., 2 gr.

D

Digitalin, Pure, Crystal - 1-60 gr.

Dinner Pill, Dr. Hall's (*see Aloes, Dilute*)

Dover's Powder (*see Ipecac Comp*). 5 gr.

BURROUGHS, WELLCOME & CO.
LIBRARY
No.

E

Ext. Colocynth. Comp., B.P. - 5 gr.

Coloc. Pulpæ,	1 1-5 gr.	Saponis Pulv.,	3-5 gr.
Ext. Aloes Soc.,	2 2-5 gr.	Cardam. Sem.,	1-5 gr.
Scammon. Res.,	4-5 gr.		

Ergotin - - - - - 3 gr.

Each pill contains the active principles of 30 *grains Ergot of Rye, or* 30 *minims of the Liquid or Fluid Extract.*

This Ergotin is prepared with great care from the best quality of fresh, selected Ergot of Rye, and it contains, in the most potent form, all the active constituents of the drug.

This form presents many advantages over the ordinary liquid preparations, being more reliable and uniform in its effects; is more acceptable to patients, when administered in usual cases, and is especially desirable in neurotic treatment.

F

Ferri Carb., B.P. - - - 5 gr.

Ferri Carb. Sacch.,	4 gr.
Conf. Rosæ,	1 gr.

Ferri et Quiniæ Cit., B.P. - 2 gr.

Ferri Cit.,	1 1-2 gr.
Quiniæ Cit.,	1-2 gr.

Ferrum Redactum - - - 1 gr.

Ferruginous - - - 3 & 5 gr.

H

Hydrarg., B.P. (*Blue Mass*) 1, 2, 3 & 5 gr.
The mass is prepared by succussion, insuring a perfect admixture of the mercury.

Hydrarg., Coloc. et Hyoscy.
{ Pil. Hydrarg., 1 gr.
{ Ext. Colocynth Co., 3 gr.
{ Ext. Hyoscy., 1 gr.

Hydrarg. Iod. Rub. - - 1-16 gr.

Hydrarg. Iod. Vir. - - 1-4 gr.
The Proto-Iodide is freshly prepared, and is perfectly preserved from oxidation by the capsule covering.

Hydrarg. Subchlor. Comp., B.P. 5 gr.
(*See Calomel, Comp.*)

Hydrastia (White Alkaloid,) - 1-2 gr.
Representing the tonic properties of Hydrastis Canadensis.

I

Ipecac. Comp. Pulv. - - 5 gr.
(Ipecac and Opium.)
An agreeable medium for exhibiting this exceedingly nauseous compound.

Ipecac. & Squills, B.P. - - 5 gr.
{ Ipecac. Co. Pulv., 3 gr. Ammoniac. Pulv., 1 gr.
{ Scillæ Pulv., 1 gr. Theriacæ

Iodoform - - - - - 1 gr.

Iron and Compounds (*see Ferri.*)

Specific

Laxative

Lead & Opi

Liver: Pill

Mercury

Morphia, S

Neuralgia

Opium U. S

Opium Ad

Pepsin, Ph

Phosphorus

BURN

L

Laxative, Vegetable (Imp. Cathartic.)

Res. Podoph.,	Ext. Coloc. Co. Pulv., 1 gr.
Ext. Hyoscy.,	Jalapæ Pulv.,
Ext. Tarax., *aa*, 1-4 gr.	Res. Leptand., *aa*, 1-2 gr
	Ol. Menth. Pip.

Dose—one to three.

Lead & Opium *(see Plumbi.)*

Liver Pill *(see Cath. Co., U.S.P.)*

M

Mercury *(see Hydrarg.)*

Morphia, Hydrochlor. - 1-8 & 1-4 gr.

N

Neuralgia (*see Phosphorus & Combinations*)

O

Opium U.S.P. - - - - 1 gr.

Opium *(also see Saponis Comp. B.P.)*

P

Pepsin, Pure, Concentrated - 1 gr.

Each Pill equal in digestive properties to 3 gr. Pepsin, B.P.

Phosphorus - 1-30, 1-50, & 1-100 gr.

The pure transparent gelatine we use is in no degree porous, and hence preserves the Phosphorus perfectly in the free state; while sugar, owing to its crystalline nature, is very porous, and will admit of rapid change in substances of a delicate character, covered with it. The

pure, free Phosphorus is in the state of solution in the excipient we employ ; this insures a gradual elimination of the Phosphorus in the stomach, thus avoiding the severe irritation that is so often experienced after taking the ordinary Phosphorus Pills, which are prepared by mixing the Phosphorus in substance with the excipient, in which small fragments of Phosphorus often remain. Note remarks by Dr. Squibb, in his paper before Am. Pharm. Ass'n., Sept., '76, in which he states that Phosphorus should never be administered in substance.

Many of the most eminent physicians, among whom are leading specialists in the treatment of Neurotic Diseases, assert that the "McK. & R. Phosphorus Pills are the most rational medium yet found for exhibiting Phosphorus.

Phosphorus & Iron.
{ Phosphor. Pur., 1-50 gr.
{ Ferri Redact., 2 gr.

Phosphorus & Nux Vomica.
{ Phosphor. Pur , 1-50 gr.
{ Ext.-Nuc. Vom., 1-4 gr.

Phosphorus, Nux Vomica & Iron.
{ Phosphor. Pur., 1-50 gr.
{ Ext. Nuc. Vom., 1-4 gr.
{ Ferri Carb., 1 gr.

Phosphorus & Quinine.
{ Phosphor. Pur., 1-50 gr.
{ Quiniæ Sulph., 1 gr.

Phosphorus & Valer. Zinc.
{ Phos. Pur., 1-50 gr.
{ Zinci Valer., 1 gr.

Plumbi et Opio, B.P. - - 5 gr.
{ Plumbi Acet., 3 3-4 gr. Confect. Rosæ, 5-8 gr.
{ Opii Pulv., 5-8 gr.

Plummer's *(see Hydrarg. Subchlor. Co.)*

Specify

Podophy

Podophy

Purgative

Quinia. B. S.

QUININE

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Podophyllin - - - 1-4 & 1-2 gr.

Podophyllin, Comp.
{ Podoph. Res., 1-2 gr.
Ext. Coloc. Co., 2 gr.
Ext. Hyoscy., 1 gr. }

Purgative *(see Cathartic, Comp. U.S.P.)*

Q

Quinia, Bi-Sulph. 1-4, 1-2, 1, 2, 3, 4 & 5 gr.

QUININE BI-SULPH.

(SOLUBLE SULPHATE)

dissolves in 10 parts of Water, while it requires 700 parts of Water to dissolve the ordinary Sulphate of Quinine.

This clearly demonstrates that the Bi-Sulphate (or Soluble Sulphate) is preferable on account of its much greater solubility, thereby causing it to produce more prompt and positive action. The "McK. & R." Pills are the most acceptable form for taking Quinine—taste completely disguised and effects certain—they dissolve completely in the mouth within a very few moments.

Quinia, Comp. (Anti-Malarial.)
{ Quiniæ Sulph., Cinchonid. Sulph., *aa*, 1 gr. Acid. Arsenios. 1-40 gr. Acid. Carbolic., Mentha Camphor., *aa*, 1-8 gr. Capsici Pulv., 1-4 gr. }

This Pill is largely prescribed in the most severe malarial districts of America with remarkable results.

R

Rhei Comp. B.P. - - - 5 gr.
{ Rhei Pulv., 1 1-4 gr. Aloes Soc. Pulv., 1 gr. Saponis Pulv., 5-8 gr. Myrrhæ Pulv., 5-8 gr. Theriacæ, 1-2 gr. Ol. Menth. Pip. }

Rhei Comp. et Hydrarg.

{ Pil. Rhei Comp., 3 gr.
{ Pil. Hydrarg., 3 gr.

Rheumatic *(see Salicylic Acid, Comp.)*

S

Salicylic Acid - - - 2 & 5 gr.

Salicylic Acid, Comp. (Rheumatic.)

{ Acid. Salicylic., 5 gr.
{ Morphiæ Hydrochlor., 1-8 gr.

Saponis Comp. B.P. (Pil. Opii.)- 5 gr.

{ Opii Pulv., 1 gr.
{ Saponis Pulv., 4 gr.

Squills, Comp. B.P. - . - 5 gr.

{ Scillæ Pulv., 1 gr. Ammoniac. Pulv.,
{ Zingiber. Pulv., 4-5 gr. Saponis Pulv., *aa*, 4-5 gr.
{ Theriacæ, 1 3-5 gr.

Strychnia - - - - 1-50 gr.

We use great care to insure exact quantity in each.

Z

Zinc, Valerianate - - - 1 gr.

Zinc, Phosphide - - 1-4 & 1-2 gr.

We would recommend practitioners to prescribe these Pills in original Bottles of 100 each, whenever convenient so to do. They may be obtained from any respectable Chemist or Wholesale Druggist.

In any case where your Chemist fails to supply the "McK. & R." Pills in your Prescriptions, please send us his name and address, that we may see him properly supplied.

Private Formulæ of 3000 or more Pills prepared to order.

Sparingly

"Latest Improvements

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Specify ' McK. & R." PILLS

REPORTS UPON THE

"Latest Improvements in Pharmacy."

The attention of the Medical Profession is respectfully called to the following opinions regarding the "McK. & R." CAPSULE PILLS (of Formulæ of the British Pharmacopœia and other standard authorities), expressed by eminent Chemists of Great Britain, who enjoy high reputation for the scrupulous and discriminating care which they are known to exercise in selecting drugs and preparations of unquestionable purity :—

MESSRS. ALLEN & HANBURYS, *Parmaceutical Chemists, Plough Court, Lombard Street, E.C., write:* —"Possess real merit and mark a distinct advance in Pharmacy. Afford a very elegant form for the administration of medicines. In appearance, shape, and solubility they surpass any pills we have seen. We shall have pleasure in introducing them to our customers."

L. CALLAWAY, M.P.S., *Late General Apothecaries Company, 133, Oxford Street, W., writes :*—" The introduction of these elegant productions begins a new era in the advancement of medicine and pharmacy. These preparations are certain to gain favour with all progressive practitioners who desire to prescribe remedies in an agreeable and reliable form. They are ovoid in shape, very small, compact, and beautiful in appearance. The most peculiar patients (even children) who reject ordinary coated pills will take these with pleasure. I feel perfect confidence in recommending these preparations to the profession for unquestionable purity and reliability. They are certainly more soluble than any other form of pills that has been devised."

BURROUGHS, WELLCOME & CO., LONDON.

Specify "McK. & R." PILLS

REPORTS UPON "LATEST IMPROVEMENTS IN PHARMACY."—*Continued.*

MESSRS. GODFREY & COOKE, *Pharmaceutical Chemists, 30, Conduit Street. say:*—"We heartily commend these latest improvements in pharmacy to the confidence of practitioners. They are highly appreciated by all physicians who have become familiar with them, for their high quality and the ease with which they may be administered to the most delicate patients. "The "McK and R." Bi-sulphate (or soluble sulphate) of Quinia Pills are worthy of particular attention; they dissolve completely in the mouth within three minutes."

MESSRS. ROBERTS & CO., *Pharmaceutical Chemists, 76, New Bond Street, London, and 23, Place Vendome, Paris, write:*—"We have perfect confidence in commending these new and decided improvements in pharmacy to the profession, for purity and strict reliability; they are the most elegant medium ever discovered for presenting bitter and nauseous drugs in a pleasing and palatable form. The covering of these Pills dissolves more readily than any other form of coating."

CHAS. SYMES, Ph. D., *firm of Messrs. Symes & Co., Pharmaceutical Chemists, Liverpool,* writes:—"These preparations are very elegant in appearance, and may be easily taken by patients. The capsule so completely envelopes the drug that the most nauseous medicine is rendered perfectly tasteless, and is preserved in an active condition for a very long period of time. The ready and complete solubility of the covering in the stomach is such that the action of the medicine is in no way impeded.

These emphatic endorsements clearly indicate the excellent favour with which these "Latest Improvements in Pharmacy" have been received by progressive Chemists who actually take an interest in, and encourage, advancement in pharmacy. (We beg to state that each of these Firms have now in stock, and are prepared to supply, every Pill upon the "McK. & R." List.)

BURROUGHS, WELLCOME & CO., LONDON.

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Specify "McK. & R." PILLS

Note what the "British Medical Journal," Sept. 18, 1880, *says :—*

"The "McK. & R." Caps. Pills are beautiful in appearance, the color of the medicine showing clearly through the thin, but PERFECT AND SOLUBLE covering of gelatine. Their OVAL SHAPE appears to give them a GREAT ADVANTAGE over the ROUND FORM of pill, as they are MUCH MORE EASILY SWALLOWED. They are all that can be DESIRED in POINT OF SOLUBILITY as the covering of gelatine is put on while the MASS IS SOFT. If one of their Quinine Pills be placed on the tongue (this is the best and most reliable test of solubility) the TASTE is at first ENTIRELY IMPERCEPTIBLE until, in about HALF-A-MINUTE the COVERING DISSOLVES, and the mass itself, being soft, dissolves in about two minutes more."

PERMANENCE.

The question whether the "McK. & R." Pills will remain unaffected in warm, damp climates, seems to be satisfactorily answered in the following abstract of a letter from Aspinwall:—

"COMMISSARY DEPARTMENT,
"ISTHMUS PANAMA RAILROAD, ASPINWALL, U.S., C.

"Messrs. MCKESSON & ROBBINS,
"GENTLEMEN,—Almost everything perishes rapidly in this terrible climate, but your Pills put up in bottles keep remarkably well. The dampness does not appear to have the least effect upon them, as long as they are kept in bottles, though ordinary coated Pills are soon spoiled.
Yours respectfully,
"THOMAS M. CASH, Commissary."

[Please refer to note on Solubilities of Quinine Salts, page 17, showing advantages of the Bi-Sulphate.]

BURROUGHS, WELLCOME & CO., LONDON.

Specify "McK. & R." PILLS

MEDICAL REPORTS.

"*The Lancet*," *Sept. 10th, reports upon Capsule Pills of McKesson & Robbins*:—"A large variety of alkaloids and formulæ of the British Pharmacopœia put up in the form of ovoid capsuled pills. They are evidently a most decided improvement over the ordinary round pills, for patients who reject round pills will swallow these with great facility. They are very soluble, requiring only half a minute to completely dissolve the covering, when one is placed in the mouth; the mass is in a very soft condition, as glycerine is the excipient employed for the quinine and other drugs of a similar character. The colour of every drug is distinctly shown through the perfectly transparent gelatine, while the covering, not being porous, completely seals all changeable substances from the oxidising influences of the atmosphere."

"*The Medical Press and Circular*," *Aug. 3rd, reports*:—"The ovoid shape is a positive advantage over the round form, as patients, even small children, take them easily, after finding it impossible to swallow round pills, even if coated. These pills are completely and hermetically sealed by the continuous covering of gelatine; they do not have pin holes or other openings penetrating the covering, as we have noticed in some other pills. They are quickly soluble, and certainly the most important improvement yet made in the manufacture of pills."

BURROUGHS, WELLCOME & CO., LONDON.

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THE BURROUGHS'

HAZELINE.

Active principles distilled from the Bark of

WITCH-HAZEL

(Hamamelis Virginica Lin.)

A SUPERIOR SURGICAL DRESSING.

HAZELINE is the most concentrated and efficacious product of the Hazel.

Eminent medical authorities commend above any other remedies the use of Hamamelis in the treatment of Hæmorrhages, Inflammations, Contusions, Ulcerated Wounds, and Stings of Insects; also as the most valuable agent for treatment of Catarrh and Cold in the Head, in which cases its action is very positive and prompt.

HAZELINE is colourless, possesses a peculiar pungent odour and slightly sweet astringent taste. It does not stain nor soil, and produces a most soothing cooling effect when applied to irritated surfaces.

DIRECTIONS FOR USE.

(In all cases it is perfectly harmless).

For Bruises, Burns, and Piles, or for Chafed, Chapped, Irritated and Inflamed Surfaces, the parts should be freely bathed.

For Sore Throat, Wounds and Sores, small pledgets of Lawton's Absorbent Cotton may be applied, and saturated frequently.

In using for the Eyes or for Injections, dilute with three parts of warm water.

Gargle or Snuff up the Nostrils, either with or without dilution, for Sore Throat, Cold in the Head, and Catarrh. For Asthma apply to the Throat with Spray Producer.

Internally for the Lungs or Hæmorrhages. Dose, thirty drops in water frequently until relieved.

(See Reports on following pages).

BURROUGHS, WELLCOME & CO., LONDON.

THE "BURROUGHS" HAZELINE.

Active Principles distilled from the Bark of Witch Hazel.

(Hamamelis Virginica Lin.)

Note the following reports from the U. S. Dispensatory upon the use of the plant:—

"Witch-Hazel, which is a shrub indigenous to the United States, first attracted the notice as a remedy of the Indians, who are said to have used it as a sedative and discutient in painful tumors, and other cases of external inflammation; also, in hæmorrhoidal affections and ophthalmia."

"DR. JAMES FOUNTAIN, of Peekskill, N.Y., speaks in strong terms of its efficacy in hæmorrhage of the Lungs and Stomach, and also highly recommends it as one of the best applications in external Piles."

"DR. N. S. DAVIS (President American Medical Association) agrees with Dr. FOUNTAIN in his estimate of the remedy, and has also employed it usefully in incipient consumption."

Ringer's Therapeutics (Page 325).

"DR. PRESTON has employed it largely and successfully in epistaxis (nose bleeding), and his experience is confirmed by that of many writers."

"It is very servicable in hæmoptysis and hæmatemesis (vomiting of blood).

"Witch-Hazel is very highly recommended in Piles, both to check bleeding and to cure the diseased veins. I have found it singularly successful and prompt in this form of bleeding, even when amounting to half-a-pint a day, repeated almost daily, for months or years. It is also very useful for Piles if it is employed as an injection.

"It should be injected each night at bed time, and before breakfast. The injection should be retained."

MEDICAL REPORTS.—(Continued).

Report of "The Lancet" upon the Burroughs Hazeline:—"It has undoubtedly the power of arresting many forms of hæmorrhage, being almost a specific in bleeding piles, and deserving of a much more extensive trial than yet accorded."

Report of the "London Medical Record."—"It is largely employed for arresting venous hæmorrhages, and proves equally efficacious whether the blood comes from the nose, lungs, stomach, bowels, or other organs. It is especially indicated when the blood comes up easily, not attended with any expulsive effort. It has been used with success in cases of dysentery when there is much blood in the motions."

Report of the "Medical Times and Gazette" upon Hazeline:—"Useful, especially in bruises, sprains, chaps, and insect stings, being of special value as regards irritated piles and other surfaces covered with irritated mucous membrane."

Report of the "Medical Press and Circular:—"An admirable substitute for arnica in all those cases where the latter remedy is usually prescribed. It possesses advantages over arnica, however, that are certain to recommend its use. We have found it especially serviceable, employed as an embrocation in muscular rheumatism, and particularly when used as a mouth-wash for hardening tender gums, in a patient who had for many years tried numerous remedies in vain.

MEDICAL REPORTS.—(Continued).

"Having during the past few months given a somewhat extended trial to 'Hazeline,' I place the following memoranda at the disposal of the readers of the Journal.

"As a local application in irritable and inflamed piles situated at the margin of the anus, where the remedy can be readily applied, I have never met with its equal. In most of the cases submitted to the treatment *the relief was immediate and permanent.* My plan has been to have the part bathed in the solution three or four times a day, and a piece of lint, dipped in it, kept applied to the anus during the intervals.

"All urgent symptoms have passed away, as a rule, in from twelve to twenty-four hours.

"In chronic and intractable ulcers of the varicose or eczematous description, I have met with excellent results by using the Hazeline after the fashion of a water-dressing. I may add that about two hundred cases of ulcerated legs pass through my wards annually.

"WILLIAM HENRY NETHERCLIFT,
"Med. Supt. of the Chelsea Infirmary."

Second Report on Hazeline by the "Medical Press Circular."—"Hazeline is a valuable astringent remedy, wonderfully efficacious in checking hæmorrhages, and allaying inflammation; it is particularly valuable in the treatment of bleeding piles, as a surgical dressing it deserves attention."

BURROUGHS, WELLCOME & CO., LONDON.

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BURROUGHS,

THE "BURROUGHS"

BEEF AND IRON WINE

(Improved).

A HIGHLY CONCENTRATED, STRENGTH-GIVING, TONIC FOOD.

Prepared from the Finest Beef, with Iron, &c., in a pure Medicinal Wine.

Each lb. represents the value of 2lbs. fresh beef.

THIS Refreshing, Nourishing, and Invigorating Food and Stimulant is often prescribed with much benefit in cases where neither Wine, Iron, nor Beef can be tolerated separately, or in any other form.

It has been found especially useful as a Restorative Food for Convalescents.

From the Analytical Records of "The Lancet," May 8, 1880.

"This is a really valuable preparation, and, as far as we know, a novelty. It contains beef and iron in solution in wine, and is therefore a very powerful and rapidly acting tonic. Children, as well as adults, take it easily; and as its taste is by no means unpleasant, it can hardly fail to attain great popularity."

DIRECTIONS.—Adults may take a tablespoonful in a wineglass of water. For children—a proportionate dose.

Supplied in 1 *lb. and* ½ *lb. bottles.*

BURROUGHS, WELLCOME & CO., LONDON.

NOTE CAREFULLY THE OPINIONS
OF EMINENT MEDICAL AUTHORITIES UPON

THE "BURROUGHS"

BEEF AND IRON WINE.

(Improved).

BRITISH MEDICAL JOURNAL says:—"*It is a pleasant tonic and mild stimulant:* it will be found useful in cases where the use of a blood-tonic is indicated. The ordinary dose for an adult is a tablespoonful, which should be taken in a little water between meals; children also may take it in smaller doses according to age.

MEDICAL PRESS AND CIRCULAR says:—"*This preparation is an admirable combination of beef and iron,* and is palatable enough to be borne and even *liked by the most fastidious taste.* We have given it to patients who have been quite unable to use the regular preparations of tonics and nutrient material, and in no instance have we found any objection raised against its employment as a medicine. Its value as a tonic is very great, and we can easily anticipate for it a rapid sale. Each fluid ounce contains the nutritive value of two ounces of beef, with two grains of citrate of iron."

MEDICAL TIMES AND GAZETTE says:—"This preparation is, we think, an *entirely new form of medicinal food.* It consists essentially of beef-juice and citrate of iron dissolved in wine, and to these are added orange, columbo, and gentian, and is consequently decidedly tonic, stimulant, and restorative. It is clear, bright, and pleasant in appearance, and is very palatable, so that *children* as well as adults will take it readily."

BURROUGHS, WELLCOME & CO., LONDON.

1881.

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REPORTS ON THE "BURROUGHS" BEEF AND IRON WINE.
(Continued).

Second Report of "The Lancet," July 23rd, 1881, *on the Burroughs Beef and Iron Wine.*—"It has of late been greatly improved in flavour, and is in every way an excellent preparation. Children, we find, take it readily, and like it, and in many cases of scrofula and rickets we have given it with the most gratifying results."

Second Report of "The Medical Press and Circular."—"The Burroughs Beef and Iron Wine is a very valuable nourishing tonic, especially desirable for delicate patients who cannot retain ordinary foods; its flavour has been greatly improved, and is very agreeable."

Report of "London Medical Record" on the Burroughs Beef and Iron Wine.—"This is an excellent preparation. For dwellers in large towns, who are unable to make a good breakfast, a tablespoonful in a little water about 11 o'clock, with, perhaps, a dry biscuit, will be found most useful. It is well adapted to the treatment of children suffering from rickets or mal-nutrition."

THE "BURROUGHS"

BEEF AND IRON WINE WITH QUININE.

EACH half fluid ounce or tablespoonful contains the nutritive value of one ounce of good fresh beef, one grain of Citrate of Iron, and half a grain of Sulphate of Quinine in a pure medicinal wine.

DOSE.—One tablespoonful, to be diluted with water.

This preparation combines in an agreeable form all of the nutritive and strengthening tonic properties of our Beef and Iron Wine with the well known qualities of Quinine; and it has been highly appreciated by the profession, being found preferable in every way to the usual Quinine Wines.

———

Supplied in 1lb. and ½lb. Bottles at 5/6 and 3/- each.

LAC
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LAC BISMUTHI

(SYMES'.)

DOSE.—From one to two teaspoonfuls.

LAC BISMUTHI ET CERII.

It is given in the same doses as Lac Bismuthi.

OPINIONS OF THE PRESS.

"We have given both Preparations a fair trial, and can recommend them in cases of gastrotomy, chronic vomiting, and in the vomiting arising from pregnancy." —*British Medical Journal, Feb. 22nd*, 1879.

"We have submitted both these preparations to careful trial in certain suitable cases, with marked benefit. Physicians and General Practitioners would do well to prescribe them."—*London Medical Record, March*, 1879.

"The salts are presented in the form of Hydrates of Bismuth and of Cerium, that is, they are in actual combination with water. The 'Lac Bismuthi' is certainly a convenient form of the medicine, and both preparations seem worthy of trial."—*Medical Times and Gazette, April 12th*, 1879.

These two preparations were originated and are prepared by

Messrs. Symes & Co., of Liverpool.

BURROUGHS, WELLCOME & CO., LONDON.

BISHOP'S
GRANULAR EFFERVESCENT
CITRATE OF CAFFEINE.

The best Remedy for Headache.

CITRATE OF CAFFEINE is now recognised by the medical profession as the safest and surest remedy in cases of nervous or sick headache. In the effervescent form it is more agreeable to the patient, and its remedial action is more prompt. The salts with which it is combined, when in this form, have themselves a tendency to allay sickness and irritation of the stomach.

DR. BEARD, of New York, says:—It quickly aud perfectly removes pain in the head, and nausea. I have known it produce this result in less than fifteen minutes.

"*The use of* CAFFEINE *in headache seems to me to be one of the most important of the especial therapeutic advances of our time: it is a genuine and solid reality, the relief it affords being too speedy and too frequent to be accounted for by coincidence or mental influence.*"

"It is better to give the CITRATE OF CAFFEINE just as the headache is coming on; it seems to take up pain and bear it away."

The *BRITISH MEDICAL JOURNAL*, Nov. 8, 1879, says:—"We have administered it in nervous headache, and in the *malaise* following an alcoholic debauch, with benefit."

The *MEDICAL TIMES AND GAZETTE*, Nov. 22, 1879, says:—"A pleasant medicine which has been largely tried, with success, as a remedy for sick headache and other nervous disorders."

BISHOP'S GRANULAR EFFERVESCENT CITRATE OF CAFFEINE *is sold in bottles at 2s. 6d. each. With each bottle is supplied a wooden measure cup, which, when filled, but not heaped, gives an exact dose. The* GRANULAR EFFERVESCING CITRATE OF CAFFEINE *should be taken at the commencement if an attack of headache, and the dose should be repeated in an hour if any pain should remain.*

My name and address is sealed on the cork of each bottle, and this is THE ONLY GUARANTEE OF ITS GENUINENESS.

ALFRED BISHOP,
Manufacturing and Pharmaceutical Chemist,
Speck s Fields, Mile End, New Town.

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WYETH'S DIALYSED IRON.

(*R. Fer. Wyeth*, ʒ *Ounce with Dropper.*)

A pure neutral solution of peroxide of Iron in the colloid form; each fluid oz. contains 27.68 grs.

Endorsed and Recommended by the Medical Press and Profession throughout the World.

Lancet.—"Wyeth's Preparation is excellent."

British Medical Journal.—"One of the best we have seen."

******

Advantages of Wyeth's Iron.

It has no disagreeable taste or smell, and does not injure nor cause any discoloration of the teeth.

The advantages of Dialysed Iron, as claimed by Prof. Hager in his handbook of Pharmaceutical Practice, are that it is—

1ST. EASILY ADMINISTERED.
2ND. TASTELESS.
3RD. DOES NOT DISTURB THE STOMACH IN ANY WAY.
4TH. DOES NOT INDUCE ANY DERANGEMENT OF THE DIGESTIVE ORGANS.

It is in itself easily digested, and its administration in all those cases where Iron is indicated, such as General Debility, Chlorosis, Hysteria, Anæmia, accompanied by Fluor Albus or Seminal Weakness, and Tardy Convalescence, Neuralgia, etc., has been followed by the best results.

DOSE—5 *to* 10 *drops, five times daily, on a lump of sugar, or in any agreeable liquid.*

Supplied in Bottles holding 3 fld. ounces (sufficient for a month's treatment), in a case with a Medicine Dropper. Price, 3s. By all respectable chemists.

BURROUGHS, WELLCOME & CO., LONDON.

REPORTS UPON WYETH'S IRON.
(Continued).

Report of "The Lancet:" — "Wyeth's Dialysed Iron is, of its kind, a perfect preparation, and is often taken without difficulty when other forms are not well borne. It is the best antidote in cases of acute poisoning by arsenic."

The "Medical Press and Circular" reports: —"DIALYSED IRON.—Wyeth's Iron has an established reputation, and is a thoroughly reliable preparation; it has steadily gained favour with the profession."

Mr. THOS. BRYANT, F.R.C.S., Senior Surgeon, Guy's Hospital, writes:—"I consider it the best, and always prescribe it."

Report of the "London Medical Record" on Wyeth's Dialysed Iron:—"This is a neutral solution of oxide of iron in the colloid form, obtained by endosmosis. It has the great advantage over most other preparations of Iron that it has no unpleasant smell or taste, and does not irritate the stomach. It may be given with confidence when other forms of Iron disagree. In anæmia and chlorosis it may be regarded as a specific, and in many cases of what may be termed malignant anæmia it is certainly most beneficial. It is the best antidote we possess for poisoning by arsenic."

HYPOD

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Wyeth's

Soluble Compressed

HYPODERMIC TABLETS

Present the very best and most efficient form for Hypodermic Medication.

THE advantages in using Sulphate of Sodium as a vehicle will be readily appreciated by the profession, as it is known that it greatly facilitates solution by its greater affinity for water, and by acting a sa disintegration, and further, instead of causing irritation, it promotes absorption.

DR. WILSON reports:—"It is well known that the addition of atropia sulphate greatly increases the hypnotic and anodyne properties of morphia salts, and decreases the tendency to after-headache and constipation. I have, therefore, used this combination in all my experiments."

They are convenient, both to carry and to use; they are accurate, enabling the physician to administer precisely the dose desired; and they are *not liable to change by keeping.* Solutions are bulky; the bottles are apt to break or leak, and the liquid often becomes decomposed or deteriorated by time. Powders become inert from atmospheric influences; the papers become torn, and part of the medicament is often lost in the necessary handling. The patented gelatine discs are not so soluble, and are sometimes slow in taking effect. Their use is apt to be followed by abcesses, which is rarely the case with crystalloid substances.

BURROUGHS, WELLCOME & CO., LONDON.

REPORTS UPON WYETH'S HYPODERMIC TABLETS.

"*The Lancet' reports*:—"Wyeth's Compressed Hypodermic Tablets, containing alkaloids for hypodermic injection. These tiny tablets are made of a quarter of a grain of sulphate of soda, with the desired alkaloid. They are thus very *readily soluble*, and *not at all irritating*. They are carried in a very small bottle, which easily fits into a hypodermic syringe case."

"*The Medical Press and Circular*" *reports*: —"Wyeth's Compressed Hypodermic Tablets are *entirely new*, and are now shown for the first time. Each little tablet contains as a vehicle a quarter of a grain of sulphate of sodium, with morphia, atropia, and other alkaloids usually employed for hypodermic medication. The use of sulph. soda is an advantage over other vehicles, as it promotes absorption without causing pain or irritation, and acts as a disintegrator, forming an almost instantaneous solution with three drops of water."

HYPO

DIRECTIONS FOR USING

Wyeth's

Soluble Compressed

HYPODERMIC TABLETS

AN extensive experience of many years in the manufacture of Compressed Tablets, and the precision and accuracy of our mechanical appliances enable us to make these new and improved preparations with a degree of perfection not attainable in any other way, or by any other process. The exact amount specified of each drug is thoroughly incorporated and distributed throughout every Tablet. In water at ordinary temperatures a perfect solution may be made in one minute.

No extraneous material is employed except the Sulphate of Sodium, and this only in such proportions as to facilitate solution.

CAUTION.—The dose of Morphia for hypodermic use, varies from 1-12 to 1-2 of a grain. We would suggest to the profession, the necessity for *caution*, the large doses sometimes recommended—1-2, 3-4, and even 1 grain, are unsafe for the first trial, unless the conditions requiring the injection be exceptional. In commencing, it should not exceed one-third of that ordinarily administered internally.

DIRECTIONS.—The syringe is charged with the requisite amount of water, which is poured into a teaspoon or other convenient receptacle; the pellet being dropped in, is crushed with the end of the syringe, to which the needle fits, and after all the lumps are broken the solution is drawn up and forced out three or four times, when usually the whole mass will be entirely dissolved and ready for use.

If warm water is used, or the spoon is heated over a lamp or gas jet, a perfect solution is effected in a moment. The Tablets may be readily powdered with the blade of a knife, and a solution is even more speedily made in this way.

BURROUGHS, WELLCOME & CO., LONDON.

PECULIAR ADVANTAGES OF

Wyeth's Compressed Tablets

EXACT SIZE OF TABLET.

OVER ordinary lozenges are very evident to the medical profession. They are not diluted with sugar, gum, or mawkish paste, which often offend the stomach—simply the pure drugs are compressed into the form of small lenticular tablets—so very small indeed that by placing them under the tongue or outside the jaw they do not cause the slightest inconvenience while speaking or singing.

If allowed to dissolve in the mouth, the topical effect is much more efficient than a saturated solution, as while the solution is but temporary, the tablet really acts as a continuous gargle.

These Tablets have the great advantage over the gargles so commonly prescribed, that their ingredients are gradually dissolved in the saliva, and are thus constantly brought into contact with the affected parts. It must be evident, that better results may be looked for from this, than from the momentary and occasional use of gargle, which, moreover, is disagreeable to a great many persons, and to some, impossible.

Children take the Tablets readily, as they have no unpleasant taste; while the convenience of carrying them in the pocket commends them to travellers.

SEE FURTHER NOTES AND FORMULÆ ON FOLLOWING PAGES.

CHLOR

Wyeth's Compressed Tablets

CHLORATE OF POTASH

(5 grains each.)

FOR HOARSENESS, BRONCHIAL IRRITATION, SORE THROAT, DIPTHERIA, CROUP, &c.

Especially convenient for Singers and Public Speakers.

EXACT SIZE OF TABLET.

A Single Tablet placed in the mouth a few minutes before using the voice, will usually give entire relief.

The Lancet says:—"Of convenient size..they are beautifully made..and as they dissolve slowly in the mouth, are well suited for throat affections."

MORELL MACKENZIE, M.D., *London, Senior Physician to the Hospital for Diseases of the Throat, late Physician to the London Hospital, writes:*—"I have used Wyeth's Compressed Chlorate of Potash Tablets extensively during the last two years, and I consider that you have made a most valuable addition to pharmacology. The slow but uniform rate at which the Tablets dissolve renders their action peculiarly reliable, while their small size permits them to be kept in the mouth without inconvenience during speaking and even singing."

"We especially recommend the compressed Chlorate of Potash."—*British Medical Journal.*

Analytical Report of Medical Press and Circular.—"Chlorate of Potash is a remedy of acknowledged value in diptheritic sore throat, and in inflammation of the mouth and throat induced by a depressed state of the system. It relieves hoarseness, and in many cases of fœtid breath it proves an efficient corrective. The Compressed Tablets contain exactly the theoretical amount, and are not made up with a vehicle."

Supplied in 1s., 2s. *and* 3s. *packages, by all first-class Chemists; can be sent by post, on receipt of price.*

BURROUGHS, WELLCOME & CO., LONDON.

Wyeth's Compressed Tablets.

CHLORATE OF POTASH
WITH
MUIRATE OF AMMONIA.

EXACT SIZE OF TABLET.

3½ grs. Chlorate of Potash.

1½ grs. Muriate of Ammonia.

These Two Drugs are highly commended by the Profession for various forms of Sore Throat, accompanied by Ulcerations or Disordered Secretion of the Mucous Membrane.

THE advantages of the combination of these two efficient remedial agents over either one administered alone will be readily appreciated by Physicians.

The proportion of Muriate of Ammonia being less, and being intimately mixed with the less soluble salt of Chlorate of Potash, the objectionable taste of the former is not so apparent, while the medicinal effect is really just as potent.

"Excellent and reliable specimens of a distinct improvement in pharmacy."—*British Medical Journal.*

DIRECTIONS.—Adults should take one every hour or two until relieved, allowing it to dissolve slowly in the mouth at the back of the tongue, but not at the tip, the surface of which is much more sensitive to taste and to the pungency of the ammonia salt. Children, half of one as often.

Supplied in Packages of 30, 65 *&* 100 *Tablets, at* 1*s.*, 2*s. and* 3*s. each. Sent by post, on receipt of price, by all respectable chemists.*

BURROUGHS, WELLCOME & CO., LONDON.

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Wyeth's Compressed Tablets.

CHLORATE OF POTASH WITH BORAX

OR VOICE TABLETS.

EXACT SIZE OF TABLET.

Two and a half grains of each.

Quickly relieve hoarseness and clear the voice. Conveniently retained in the mouth while speaking or singing.

We ask the attention of Physicians to above excellent combination which will be found highly efficient in the relief of inflammatory affections of the mouth and throat, and other morbid states of those parts, attended with disordered secretions. The depurative effects of these remedies are well known to the Profession.

As the taste is not disagreeable, we have prepared them in the form of Compressed Tablets, giving the patient the full benefit of their action, undiluted with Sugar, Gum, or other vehicles, which preventing their effects, sometimes themselves offend the stomach.

If allowed to dissolve in the mouth, the topical effect is much more efficient than a saturated solution, as while the solution is but temporary, the tablet really acts as a continuous gargle.

Children take the Tablets readily, as they have no unpleasant taste; while the convenience of carrying them in the pocket commends them to travellers.

For Singers and Public Speakers, suffering from Hoarseness or Huskiness, a single Tablet placed in the mouth a few minutes before using the Voice will usually give entire relief.

DIRECTIONS.—One of the Tablets, placed in the mouth every hour or two, and allowed to dissolve, will quickly relieve sore mouth, inflamed tongue. and congestion of the throat.

For Offensive Breath they will prove equally as efficient as our Chlorate of Potash Tablets, the addition of a mild alkali like Borax, increasing the activity of the Chlorate of Potash.

Supplied in Packages of 30, 65, & 100 *Tablets, at* 1*s.*, 2*s.*, *and* 3*s. each. Sent by post, on receipt of price.*

BURROUGHS, WELLCOME & CO., LONDON.

Wyeth's Compressed Tablets

OF

AMMONIUM CHLORIDE

(THREE GRAINS EACH).

EXACT SIZE OF TABLET

The solvent and discutient, as well as antiphlogistic powers of this Salt are well known, and have led to its extensive employment, especially in Germany, in cases of Sore Throat, Bronchitis, etc., attended with abundant secretion of thick and tough mucus or phlegm.

Physicians will at once appreciate the great advantage to their patients, of the local effects of this Salt, slowly dissolving and coming in direct contact with the inflamed surface. It at once mitigates the cough or irritation, and lessens expectoration.—Two or three of the tablets will sometimes entirely relieve coughs that have long resisted treatment with the ordinary remedies.

DIRECTIONS.—A tablet should be held and allowed to dissolve in the back part of the mouth, and repeated frequently when the irritation or tendency to cough is more decided. In many cases, half a tablet is sufficient at one time.

Supplied in Packages of 25, 50 *&* 100 *Tablets, at* 1*s.*, 2*s.*, *and* 3*s. each. Sent by post, on receipt of price, by any chemist.*

JOHN WYETH & BROTHER, Chemists,

PHILADELPHIA.

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Wyeth's Compressed Tablets.

BI-CARBONATE OF SODA

(FIVE GRAINS IN EACH).

Useful in all cases where an antacid is indicated.

EXACT SIZE OF TABLET

The value of alkalies, and especially of the bi-carbonates of Potash and Soda, is very fully understood by medical men, and to a great extent also by the public. In a very large class of cases Indigestion, Flatulency, Heartburn, and Colic are due to an excess of acid in the stomach; and this condition usually constitutes an important element in Gout, Rheumatism and Gravel.

DOSE.—As an antacid, one every two or three hours till relieved. For Gout, Rheumatism, or Gravel, one or two thrice daily. To be swallowed with water.

Wyeth's Compressed Tablets.

BI-CARBONATE OF POTASH

(FIVE GRAINS IN EACH.)

ANTACID—DIURETIC—ANTILITHIC

These Tablets will be found very useful in cases of acidity of the Stomach, and in the Dyspepsia due to this condition. They are suited also to cases of Gout and Rheumatism, as well as to the irritation of the Kidneys so often connected with those disorders.

Physicians prescribing these Tablets can depend upon the purity of the salt and the accuracy of the dose.

DOSE.—For the antacid effect, one may be taken as required. In Gout, Rheumatism, or Gravel, one or two three or four times daily. To be swallowed with water.

Supplied in Packages of 25, 50, *&* 100 *Tablets, at* 1*s.*, 2*s. and* 3*s. each. Sent by post, on receipt of price, by any chemist.*

BURROUGHS, WELLCOME & CO., LONDON.

Wyeth's Compressed Tablets

OF

SODA-MINT,

(OR NEUTRALISING TABLETS.)

EXACT SIZE OF TABLET.

Each Small Tablet contains—Sodæ Bi-Carb., 4 *grains; Ammon. Carb.*, 1-4 *gr.; Ol. Menth. Pip.*, 1-6 *gtt.*

It is well known that the most frequent cause of discomfort in the stomach is the presence of an excess of Acid.

Probably the most popular prescription with practitioners for cases arising from Acidity of the Stomach, such as Colic, and Flatulence in Children, Heartburn, Sick Headache, Dyspepsia, &c., is a combination of Sodæ Bi-carb. and Ammoniæ Carb., with some pleasant adjuvant, in the form of a mixture.

The Soda-mint, or Neutralising Tablet, presents this favourite and very efficacious prescription in an exceedingly agreeable form, thereby greatly facilitating its administration, particularly to children.

Travellers, and persons engaged in business, will highly appreciate the convenience of having this valuable remedy prescribed in such a portable form.

DOSE—*From one to two Tablets, according to age to be swallowed with water.*

Supplied by all first-class chemists, in packages at 1s., 2s. and 3s. each. Can be sent by post on receipt of price.

BURROUGHS, WELLCOME & CO., LONDON.

PEPTO

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BURROUGHS,

Wyeth's Compressed Tablets.

PEPTONIC TABLETS.

(3 Grs. Each.)

EXACT SIZE OF TABLET.

Concentrated Pepsin and Pancreatine, with Lacto-Phos. Lime, and Lactic Acid, of each equal parts.

The above-named drugs possess valuable medicinal properties, which are well known to the medical profession. They are now offered in a highly concentrated, active, and convenient form.

DIRECTIONS. — One compressed tablet (to be swallowed with water) immediately after eating, or as occasion may require. For children, reduce the tablet to powder, and give one-fourth or one-half, according to age.

The best and most convenient form for administering Pepsin and Pancreatine.

Supplied in Bottles of 25, 50, *and* 100 *tablets, at* 2*s.* 6*d.*, 4*s.* 6*d.*, *and* 7*s.* 6*d.*

Can be obtained by Post on receipt of price, from any respectable Chemist.

BURROUGHS, WELLCOME & CO., LONDON.

KEPLER EXTRACT OF MALT,

(Improved).

An Agreeable Substitute for Cod Liver Oil.

A CONCENTRATED NUTRITIOUS DIGESTIVE FOOD.

Very Desirable as a Nutritive and Restorative when the System has become Reduced by Wasting Diseases.

Kepler Extract of Malt is free from Alcohol, and one tablespoonful contains more nutritive and digestive value than one pint of the strongest Beer, Ale, Porter, or any alcoholic or fermented Extract of Malt.

Ziemssen's Cyclopædia of Medicine says :—"Malt Extract is preferable to Cod-Liver Oil, being more palatable and more easily digested."

From the "Medical Press and Circular."—"We have on more than one occasion drawn attention to the nutritious properties of Malt Extracts. Their great value consists in the fact that when taken at or directly after meals they assist in disposing of the other food, and thus indirectly, as well as directly, nourish and strengthen the whole system."

The "Medical Times and Gazette" reports:—"The Kepler Extract of Malt, we venture to say, is by far the best we have seen."

Adult Dose.—One tablespoonful thrice daily, to be taken just before, directly after, or (better) during meals, plain or in milk, water, or any liquid, or mixed as a sweetener with the farinaceous foods.

Supplied by chemists, in bottles containing 12 *ozs. and* 24 *ozs. by weight, at* 2*s.* 9*d. and* 4*s.* 6*d.*

BURROUGHS, WELLCOME & CO., LONDON.

THE PRINCIPLES OF

KEPLER EXTRACT OF MALT,

(Improved).

ARE—

MALT SUGAR AND DEXTRINE...Nutritious, Resolvent, Emollient.

DIASTASE .....Digestive of Farinaceous Matters.

PHOSPHATES AND ALBUMINOIDS..Nutritious and Strengthening.

It is a natural emulsifying Agent, and prepares Cod Liver Oil for ready assimilation.

The *Lancet* says :—" Kepler Malt Extract is very good, and may be used with confidence."

The *Medical Press and Circular* says :—" The Kepler Extract of Malt is reliable, and is manufactured in such a careful manner as to ensure the preservation of its valuable constituents."

Second Report of " The Lancet" on the Kepler Extract of Malt :—" Kepler's Extract of Malt is as distinct an advance in therapeutics as was the introduction of Cod Liver Oil. It is one of our best remedies, for atonic dyspepsia, and is undoubtedly useful in consumption and other wasting diseases."

From the *British Medical Journal.*—" This improved Extract of Malt is very favourably spoken of by physicians both in respect to its nutritive and digestive properties, and as being of very agreeable flavour. *We can recommend the Kepler Extract of Malt as being of a very high quality indeed.*"

BURROUGHS, WELLCOME & CO., LONDON.

REPORTS UPON THE KEPLER EXTRACT.—(Continued).

Report of the "London Medical Record" on Kepler Extract of Malt.—"Kepler's Extract is liked by patients, and often taken readily when other forms are not retained. It is a good plan to begin with a teaspoonful three times a day, but the dose may be rapidly increased to a tablespoonful or more.

"One of the best vehicles for taking the Extract of Malt is a little warm milk, but some people prefer it alone, whilst others like it with soda-water. It speedily improves the powers of assimilation, and in cases of consumption, scrofula, and many of the wasting diseases of children, a wonderful improvement in the patient's condition may be noticed after a fortnight's treatment. The introduction of Kepler's Extract of Malt is a decided advancement in therapeutics."

Second Report of the "Medical Press and Circular."—"The Kepler Extract of Malt is very delicious to the taste, and has been found by analysis to be exceedingly rich in diastase, and consequently is a valuable digestive agent. The Kepler Malt, combined with cod-liver oil, is the most palatable and easily digested of any form we have yet seen for administering cod-liver oil."

KEPLE

KEPLER COD-LIVER OIL

WITH EXTRACT OF MALT.

The best food for producing fat and muscle.

(Ol. Morrh. c. Ext. Malti "Kepler.")

(Contains 50 per cent. Extract of Malt.)

A permanent and extremely palatable combination of the finest Norwegian Cod-Liver Oil with the "Kepler" Extract of Malt. The taste of the Cod-Liver Oil is in this form so thoroughly disguised as to render it agreeable to the most delicate and fastidious taste.

Kepler Extract of Malt being rich in nitrogenous elements, or flesh formers, and Cod-Liver Oil in Carbo-Hydrates, or fat producers, this compound is found to be nutritious in the highest degree, and its use is calculated to lead to a progressive increase in strength and weight.

The *Lancet* says :—" It has hardly any of the disagreeable taste of the Oil, Many could take it easily who cannot take the Oil."

" The taste of the Oil is agreeably disguised. Its nutritive powers are greatly increased, and it is rendered easy of digestion."—*British Medical Journal.*

Adult Doses.—One tablespoonful thrice daily, plain, or in a LITTLE milk, or any other agreeable liquid.

Supplied by chemists, in bottles containing 12 *oz. and* 24 *oz. by weight, at* 2*s.* 9*d. and* 4*s.* 6*d.*

BURROUGHS, WELLCOME & CO., LONDON

NOTES ON

"Kepler" Cod Liver Oil with Extract of Malt

(CONTAINING 50 PER CENT. EXTRACT OF MALT).

A PERFECT emulsion—readily assimilated, and agreeable to the most fastidious tastes.

It has been fully demonstrated that an oil in an emulsified form possesses important advantages over a simple oil. In many cases of disease Cod Liver Oil is *voided per anum* just as taken, and *en masse*. In such cases, it is needless to say, the oil is wasted, and the digestion also becomes deranged in attempting to assimilate the oil.

In an emulsified form such an untoward event is all but impossible. The natural digestion of all fats is an emulsifying process by which the minute particles of fat are separated from each other, so as to be readily taken up by the lacteals.

In weak digestions a fat already emulsionized can be readily assimilated, when the system is unequal to dealing with the simple fat.

In ordinary emulsions of Cod Liver Oil the emulsifying agents *dilute* the oil with *useless* vehicles, as water, sugar, and gum, while in the "Kepler" Cod Liver Oil with Extract of Malt this lessening of efficiency is completely avoided.

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NOTES ON "KEPLER" COD LIVER OIL WITH EXTRACT OF MALT.

(CONTINUED).

As this Extract of Malt is pronounced by the highest medical authorities both equal to, and by many even preferable to, Cod Liver Oil in medicinal value. It is a perfect emulsifying agent, not only for Cod Liver Oil, but also for Castor and other oils, the absorption of which it greatly increases, at the same time rendering them agreeable to take.

We have high authorities for giving the opinion that greater benefit will usually be derived from five pounds of the "Kepler" Emulsion of Cod Liver Oil with Extract of Malt than from twenty-five pounds of unemulsified Cod Liver Oil; and even more than this, in cases of weak digestion which the plain oil is liable to aggravate, but which the "Kepler" Emulsion will usually relieve, the Extract of Malt being a most valuable digestive agent.

Adult Doses.—One tablespoonful thrice daily, plain, or in a LITTLE milk, or any other agreeable liquid.

Supplied by chemists, in bottles containing 12 *oz. and* 24 *oz. by weight,* 2*s.* 9*d. and* 4*s.* 6*d.*

A Hygienic Toilet Water.

Delightful and Healthful in the Sick Room—Refreshing and Invigorating when used in the Bath.

MURRAY & LANMAN'S

FLORIDA WATER

Is distilled directly from the freshly collected petals of the choicest blossoms of various fragrant plants of "Florida." The odour is pure and natural. No crude irritating essential oils or artificial extracts enter into its composition.

It is the only toilet perfume that is specially adapted for the sick-room and the bath.

Report of the "Lancet."—"Murray & Lanman's Florida Water used in the form of a spray will be found most useful in the sick chamber."

Report of the "Medical Press and Circular."—"This hygienic toilet water possesses decided antiseptic properties. When sprayed through the sick room it destroys offensive germs, purifies the atmosphere, and leaves a delicious and refreshing fragrance.'

The cheerful effects following the use of a small quantity of this water when added to the bath, or sprinkled over the body of a patient of sensitive nervous organisation, suffering from prostration, depression, or lassitude, are most positive and marked. In hot climates its use in the bath has become so general, and its vivifying effects are so much enjoyed, that its presence is considered almost as essential as the bath itself. When sprayed through the room it purifies the atmosphere, and cheers by its delightful fragrance.

Supplied by all respectable Chemists in large Bottles at 3s. 6d.

CAUTION.—Every Genuine Bottle bears the words "LANMAN & KEMP, New York."

BURROUGHS, WELLCOME & CO., LONDON.

LAWTON'S ABSORBENT COTTON.

For Surgical and Dental Purposes.

It has the property of instantly absorbing liquids; if a small wad of it be dropped into a vessel of water, it at once becomes soaked through and sinks to the bottom.

By reason of this quality, as well as of its exquisite softness, the Lawton's Cotton is invaluable as a direct application to discharging surfaces.

Not only in general surgery, but especially in gynæcological practice, the Lawton's Cotton has found great favour. For cleansing or making applications to the os uteri or vagina, for absorbing lochial and other discharges, and for other purposes, which will readily suggest themselves, this article answers better than any other.

By soaking the Lawton's Cotton in medicated solutions, and subsequently drying it, we may obtain the effects of many local remedies. Thus we may, by using carbolic, boracic, or salicylic acid, or Labarraque's solution, make it antiseptic. By saturating it with astringents, we may give it this property in any degree, even carrying it as far as to obtain a most powerful styptic.

Mr. THOMAS BRYANT, *Senior Surgeon Guy's Hospital, London, writes:*—"One of the most valuable introductions into surgical practice of the present period."

It is put up in neat packages of ⅛*lb.*, ¼*lb, and* 1*lb. each, at* 1*s.*, 1*s.* 6*d. and* 4*s.*

REPORTS UPON

LAWTON'S ABSORBENT COTTON.

"*The Lancet*" *reports*:—"Lawton's Absorbent Cotton is beautifully soft, really absorbent, and quite free from chemicals."

The "British Medical Journal" Report, Oct. 1, 1881:—"Lawton's Absorbent Cotton.—It absorbs moisture with remarkable facility, and, if placed on water quickly or immediately, becomes saturated with it, and sinks to the bottom. It will be found preferable to the ordinary cotton wool or linen lint for the application of medical lotions, the dressing of wounds, and for absorbing discharges. This cotton is now largely employed by surgeons both here and in America and on the Continent."

"Lawton's Absorbent Cotton has been pronounced by some of our most eminent surgeons the very best absorbent for taking up discharges; it is very fine and soft, and acts instantly."

Medical Times and Gazette says:—"An admirably prepared article. It is exquisitely soft and fine. In consequence of its being perfectly cleansed from all impurities, it is so absorbent that when a wad of it is dropped into water it immediately becomes soaked through. Valuable to surgeons and gynæcologists for taking up discharges or applying medicated solutions."

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and Understanding
of Medicine

AMMO

BURLINGTON

THE
"BURROUGHS"
AMMONIA INHALER.

For Inhaling the Fumes of Chloride of Ammonium.

Price 12s. each, from any Chemist.

A great advantage of this Inhaler is, that not only does it remove Catarrh, but that after its use the patient is less susceptible to the effects of the weather than before, the contrary being the case with all steam Inhalers. It is not necessary, therefore, to take any special precaution, in respect to exposure or change of temperature, after the use of the "Burroughs" apparatus.

BURROUGHS, WELLCOME & CO., LONDON.

REPORTS UPON THE BURROUGHS INHALER.

The "Lancet" reports :—"BURROUGHS AMMONIA INHALER.—A very useful apparatus for inhaling the vapour of chloride of ammonium. In inhalation air is drawn into a chamber containing hydrochloric acid through an inlet plugged with cotton-wool saturated with ammonia, and the vapour is then drawn on into a second chamber containing water, and there washed. By this means the vapour inhaled is always kept of a neutral reaction. If desired, other medicaments can be combined with the sal ammoniac vapours by adding them to the water. It is a very efficient apparatus."

The "Medical Press and Circular" reports :—"THE BURROUGHS INHALER is an ingenious and convenient device for inhaling chloride of ammonium fumes; by its use the chloride of ammonium is brought in more intimate contact with the mucous surfaces of the passages of the nose and throat than by any other form of inhaler."